

Title: <b>Design Technician I</b>	Effective Date: May 11, 2012	Grade: VIII	Job Category: Technician
Prior Title: Design Technician	Prior Effective Date: October 18, 2010	Grade: VII	Page: 1 of 1

*CHARACTERISTICS OF WORK*

Under general supervision and through the use of computer aided design and drafting (CADD) equipment, this position is responsible for the preparation of plans, for transferring design data from worksheet to final plans using CADD, and for computing quantities for use by the designer.

*EXAMPLES OF WORK*

The following examples are intended only as illustrations of various types of work performed. No attempt is made to be exhaustive. Related, similar, or other logical duties are performed as assigned. The Department may require employees to perform functions beyond those contained in job descriptions. The Department may modify job descriptions based on Department needs. The Arkansas State Highway and Transportation Department is an "at will" employer.

- Check CADD surveying data and use CADD to develop construction plans.
- Transfer design data from work copies to final plans using CADD.
- Calculate earthwork and other material quantities.
- Assist with preparation of public hearing displays.
- Attend field inspections with engineers as needed.

*MINIMUM REQUIREMENTS*

The educational equivalent to an associate's degree in computer-aided drafting and design (CADD) from an accredited college or university; OR the educational equivalent to a diploma from an accredited high school plus two years experience in highway plan preparation or in a related field using CADD. Knowledge of higher mathematics, and general knowledge of highway engineering, construction, and surveying principles.

*("Accredited" means the educational institution or program is accredited by an accrediting organization recognized either by the United States Department of Education or by the Council for Higher Education Accreditation.)*